

CLAIMS

1. A flow detector comprising a path block body forming a given path and having a flow sensor interposed in said path, and a circuit board surmounted by an electric  
5 circuit that measures a flow rate of a fluid running through said path by using said flow sensor, said flow detector being constructed so that said path block body and said circuit board are accommodated in a rectangular parallelepiped or cubic housing, wherein:

10 an indicator and an operation switch are provided in a front surface portion of said housing that is exposed to a front surface of a given panel when fixed to said panel; an inlet and an outlet of said path are provided in a back surface portion of said housing; and a terminal for  
15 external connection of said circuit board is provided in the back surface portion of said housing.

2. The flow detector according to claim 1, wherein:  
said path block body forms a U-shaped path by  
arranging the inlet and the outlet of said path to face in  
20 the same direction; and

said circuit board is installed virtually parallel to a side face of said path block body along with said U-shaped path, and is provided with a multiway connector for external connection in an end portion positioned alongside  
25 said inlet and said outlet of said path.

3. The flow detector according to either one of claims 1 and 2, wherein:  
said path is provided with a flow-regulating valve that regulates the flow rate of the fluid running through  
30 said path.

4. The flow detector according to any one of claims 1 to 3, wherein:

there is provided a water-absorbing sheet around the

- 16 -

inlet and the outlet of said path disposed in the back surface portion of said housing.